

AMENDMENTS TO THE SPECIFICATION:

Page 1, before line 4, please insert as follows:

FIELD OF THE INVENTION

Page 1, before line 6, please insert as follows:

BACKGROUND OF THE INVENTION

Page 2, before line 28, please insert as follows:

SUMMARY OF THE INVENTION

Page 5, before line 28, please insert as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1: β 2AR activity in extracellular recombinant baculoviruses versus hours.

Figure 2: Comparison of the forms of β 2AR receptor present in cell membrane preparations and in extracellular baculoviruses.

Figure 3: Palmitoylation of β 2AR receptors expressed in extracellular baculoviruses. Clear bars: incorporation in the absence of isoproterenol; Etched bars: incorporation in the presence of isoproterenol.

Figure 4: Comparison of forms of the β 2AR receptor. On the y-axis: relative incorporation of ^{32}P (arbitrary units). On the x-axis: BASAL = control; FRSK = incorporation in the presence of forskolin; cAMP = incorporation in the presence of dibutyryl cyclic AMP; and ISO = incorporation in the presence of isoproterenol.

Figure 5: Functionality of the β 2AR receptor expressed in extracellular baculoviruses. On the y-axis: adenylyl cyclase activity (in picomoles of cyclic AMP/min/mg of protein). On the x-axis: BASAL = control; FRSK = incorporation in the presence of forskolin; NaF = incorporation in the presence of NaF; and ISO = incorporation in the presence of isoproterenol.

DETAILED DESCRIPTION OF THE INVENTION

Page 12, line 19, please amend as follows:

☐ : incorporation in the presence of isoproterenol;

▣ : incorporation in the presence of isoproterenol;